1   **ABSTRACT**

2   A system and method for enabling the efficient accessing of Java objects and

3   methods by legacy GUIs is disclosed. The system and method provide a base proxy

4   object that encapsulates the JNI APIs necessary for calling Java methods across the JNI

5   boundary. Legacy proxy objects proxy the Java objects and enable legacy GUIs to issue

6   method requests as if the legacy proxy objects were fully functional objects. The legacy

7   proxy objects receive method requests from the GUIs and call base proxy object methods

8   that in turn make the necessary JNI API calls to call Java methods.